



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: P.A. Billing-Medel, et al.

Group Art Unit: 1647

Serial No.: 09/065,672

Filed: April 23, 1998

For: Reagents and Methods Useful for  
Detecting Diseases of the  
Prostate

Attorney Docket No.: 6086.US.P1

Examiner: S. Turner

**Certificate of Mailing:**

I hereby certify that this paper  
(along with any paper referred to as  
being attached or enclosed) is being  
sent by first class mail to the  
Commissioner for Patents, Washington  
D.C., 20231 on April 9, 2002.

Wanda C. Smith

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**DECLARATION OF PHILIP M. HEMKEN UNDER 35 U.S.C. SECTION 1.132**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, Philip M. Hemken, declare:

1. I am one skilled in the art of cancer diagnostics. I have a Ph.D. in Molecular, Cellular and Developmental Biology from the Iowa State University, Ames, Iowa, and an M.A. in Biotechnology from Washington University in St. Louis, and B.S. in Microbiology, from Iowa State University, Ames, Iowa.

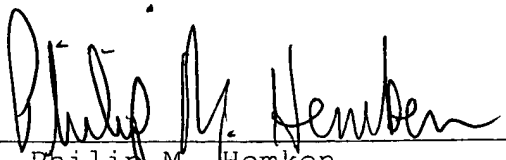
2. I worked as a Postdoctoral Scientist with Dr. Andrei Mirzabekov with cDNA microarrays at Argonne National Laboratory prior to joining Abbott Laboratories. I have worked at Abbott Laboratories in the Diagnostics Division for 5 years. My responsibilities include Real-time PCR Assay development for

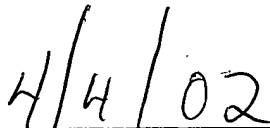
*Conrad  
5/10/02*

cancer markers, managing outside collaborations and participate in screening new leads in cancer diagnostics.

3. Total RNA was isolated from prostate cancer (CaP) and benign prostatic hyperplasia (BPH) tissues. PS128 was amplified with gene specific primers by RT-PCR. The amplified products were eletrophoresed on an agarose gel. I took the RT-PCR gel containing PS128 specific amplified bands and quantitated these CaP and BPH bands using Region Tools and Statistics to measure the pixel intensity of the bands with MetaMorph Imaging System software. The results shown in attached Exhibit A demonstrate that PS128 is expressed higher in CaP than in BPH.

4. I hereby declare that all statements made herein are of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
Philip M. Hemken

  
Date

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